

Abstract

DISTRIBUTION OF DATA TRANSFER LOAD WHEN TRANSMITTING LAYER-3 DATAGRAMS ON A LAYER-2 NETWORK

An edge router which associates multiple virtual circuits (e.g., PVCs) with an internet protocol
5 (IP) route. The data transfer load on the IP route is distributed on the virtual circuits. As a result, high
aggregate effective bandwidth can be provided between edge routers, potentially without having to use
a correspondingly high bandwidth physical connections.

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